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Title *Sectoral Patching Scheme for EM Performance Tuning of Aircraft Nose Radomes*

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Abstract

During the power transmission measurements for aircraft nose radomes, it was observed that some of the radomes need EM performance fine-tuning for meeting the requirements. The previous patching schemes adopted were not sufficient for this purpose. Hence a novel patching scheme, termed the sectoral patching, is implemented for a set of five radomes. With this technique, EM performance of each radome is enhanced to meet the specifications.